

High Temperatures Return

Six days were suitable for fieldwork during the week ending August 7, according to the USDA, NASS, Michigan Field Office. Precipitation amounts ranged from 0.04 inches in the southeast Lower Peninsula to 1.23 inches in the west central Lower Peninsula. Average temperatures ranged from 5 degrees above normal in the northeast, west central, central, east central, southwest, south central, and southeast Lower Peninsula to 8 degrees above normal in the eastern Upper Peninsula. Precipitation was welcomed this past week, but with the warm temperatures, more is needed in many areas. One farmer in the northeast mentioned, “Rains in the first week have eased dry conditions. Second and third cuttings are coming on nicely.” Another farmer in the south central said, “Crops are looking good. Hot dry weather is just starting to show signs of stress. A good shower would keep things going in the right direction.”

Field Crops

Hot, humid weather returned to the State. Precipitation varied, with some areas receiving surplus moisture, while others remained dry. Areas that received sufficient rainfall saw growth in **corn**. Most fields were tasseling and others were at the dough stage. Reports of corn borer continued, seen mostly in shorter or later planted fields. **Soybean** fields varied. Many growers reported that the crop was taller than previous years. Damage caused by aphids increased and many fields were sprayed. The second cutting of **alfalfa** neared completion. A third cutting began in southern areas. Some growers were seeding alfalfa over harvested wheat fields. **Winter wheat** harvest neared completion. **Oat** harvest was underway in most areas. **Dry bean** growth progressed and fields looked good. Most fields were setting pods.

Soil moisture for week ending 08/07/05

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	8	35	56	1
Subsoil	14	39	47	0

Crop condition for week ending 08/07/05

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	10	15	25	38	12
Barley	0	42	35	15	8
Corn	2	5	20	48	25
Dry beans	1	7	28	51	13
Oats	0	12	25	50	13
Pasture	13	20	35	25	7
Soybeans	2	6	23	49	20

Fruit

Fruit crops are showing stress due to lack of moisture. In the southwest, **apple** growers continued scouting for insect damage. Lack of rain has slowed fruit development. Apples were sizing well in the southeast and west central. Along the Ridge, trees were at bud set. Some isolated storm damage was reported. In the southwest, **blueberry** harvest slowed as non-irrigated fields were abandoned. Blueberry harvest continued in the southeast. **Peaches** harvest was in full swing in the southwest. In the southeast, peach harvest continued. In the west central, harvest of early varieties began. **Grapes** were at veraison in the southwest. In the northwest, grapes were developing well. In the west central, **tart cherry** harvest was complete. Quality there was excellent. Tart cherry harvest neared completion in the northwest. Quality was holding up well in the region.

Vegetables

Vegetable crops continued to grow well this week in warm and mostly dry weather. **Carrot** harvest began in southern regions. There were reports of some fields that were flooded out due to previous rainfall. **Onion** crops advanced and looked good. **Pepper** harvest continued in some areas. In the west central, some fields experienced blossom drop. **Potato** harvest progressed. **Pumpkin** plants continued to color. **Snap bean** harvest continued. Plantings looked good after a week of dry down. **Sweet corn** harvest also continued. Reports of corn borer remained low. **Squash, zucchini,** and **cucumbers** showed signs of pest activity and virus symptoms. Harvest continued. **Tomatoes** for fresh market harvest continued with good size and quality, while growth of processing tomatoes advanced.

Crop progress for week ending 08/07/05

Crop	This week	Last week	Last year	5-year average
	Inches	Inches	Inches	Inches
Corn, height	76	75	63	68
	Percent	Percent	Percent	Percent
All hay, second cutting	82	74	69	72
All hay, third cutting	26	8	9	7
Blueberries, harvested	59	45	77	NA
Corn, silked	96	94	70	78
Corn, dough	20	5	10	5
Dry beans, blooming	96	67	74	67
Dry beans, setting pods	74	25	36	33
Oats, harvested	74	43	32	39
Peaches, harvested	40	20	30	NA
Potatoes, harvested	6	3	NA	NA
Soybeans, blooming	96	87	79	84
Soybeans, setting pods	79	58	42	47
Winter wheat, harvested	99	94	96	98

Michigan Weather Summary for Week Ending 08/07/05 <sup>1</sup>												
Station	Temperature			Cumulative growing degree days <sup>2</sup>			Precipitation					
	Maximum	Minimum	Departure from normal	2005	2004	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	90	48		1,622	1,155		0.32	0.98	2.08	9.11		
Marquette	93	50		1,519	1,058		0.57	2.08	2.52	10.96		
Stephenson	93	49		1,634	1,326		0.01	0.44	1.35	7.07		
<b>Western UP</b>	93	48	7	1,571	1,146	1,290	0.35	1.04	2.13	9.02	13.69	3.69
Cornell	92	53		1,556	1,173		0.64	1.37	1.71	6.42		
Sault St Marie	89	50		1,497	936		0.28	3.14	3.22	7.55		
<b>Eastern UP</b>	93	50	8	1,482	991	1,107	0.39	1.95	2.35	7.71	12.83	3.53
Beulah	91	54		1,820	1,362		0.72	2.14	2.97	8.28		
Lake City	91	47		1,695	1,367		1.88	2.76	4.57	11.27		
Old Mission	93	51		1,712	1,288		1.13	2.36	2.75	6.90		
Pellston	93	44		1,702	1,248		0.14	1.12	2.67	6.94		
<b>Northwest</b>	93	44	7	1,706	1,269	1,461	0.95	2.22	3.33	8.20	11.98	3.11
Alpena	91	49		1,622	1,288		1.14	2.59	3.66	9.22		
Houghton Lake	89	44		1,738	1,430		0.67	1.52	3.36	8.92		
Rogers City	91	49		1,663	1,279		1.07	2.30	3.81	9.13		
<b>Northeast</b>	91	44	5	1,696	1,327	1,413	1.03	2.21	3.76	9.74	12.04	3.12
Fremont	91	49		1,923	1,599		0.31	1.05	2.38	6.08		
Hart	89	51		1,841	1,477		2.15	4.23	5.25	10.16		
Muskegon	90	50		1,966	1,606		0.09	0.69	1.72	5.70		
<b>West Central</b>	91	49	5	1,884	1,529	1,600	1.23	2.58	3.56	7.95	12.04	3.60
Alma	90	54		1,955	1,696		0.25	0.85	2.36	7.17		
Big Rapids	90	54		1,891	1,593		0.00	1.72	4.12	8.61		
<b>Central</b>	90	52	5	1,907	1,641	1,669	0.20	1.16	3.05	8.08	13.08	3.64
Bad Axe	91	59		1,841	1,527		0.45	1.69	3.13	11.03		
Pigeon	89	56		1,743	1,504		0.08	1.04	2.30	9.20		
Saginaw	88	56		1,872	1,684		0.27	1.65	3.18	11.19		
Standish	90	56		1,827	1,496		0.30	1.26	3.92	11.56		
<b>East Central</b>	91	53	5	1,804	1,563	1,654	0.28	1.31	3.02	10.74	11.94	2.93
Fennville	93	52		1,964	1,635		0.00	0.32	1.16	4.79		
Grand Rapids	92	57		2,060	1,913		0.03	0.94	4.69	14.90		
Holland	92	52		2,042	1,722		0.01	0.48	0.50	2.59		
South Bend, IN	93	56		2,187	2,032		0.11	0.99	3.04	7.57		
Watervliet	92	54		2,092	1,810		0.16	0.71	2.76	7.62		
<b>Southwest</b>	97	51	5	2,062	1,813	1,799	0.16	0.70	2.53	7.20	13.85	3.18
Belding	91	50		1,889	1,722		0.05	0.64	2.48	11.94		
Coldwater	90	55		1,938	1,764		0.14	0.65	3.42	10.20		
Lansing	91	58		2,055	1,790		0.07	0.83	4.05	14.19		
<b>South Central</b>	92	50	5	2,003	1,815	1,781	0.11	0.77	3.39	10.74	13.69	3.36
Detroit	91	64		2,164	1,986		0.00	1.73	4.09	10.97		
Flint	90	54		1,960	1,841		0.08	1.60	4.52	10.42		
Romeo	91	60		1,966	1,794		0.03	1.20	4.25	11.83		
Tipton	91	56		2,013	1,782		0.02	1.20	5.05	11.77		
Toledo, OH	92	60		2,149	2,064		0.00	1.48	4.66	9.46		
<b>Southeast</b>	93	52	5	2,016	1,882	1,763	0.04	1.28	4.43	11.66	13.22	3.12

<sup>1</sup> Issued by the Federal/State Michigan Agricultural Statistics Service in cooperation with the U.S. Department of Commerce, Michigan State University's Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

<sup>2</sup> Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.